

# EUROPEAN PATENT OFFICE

## Patent Abstracts of Japan

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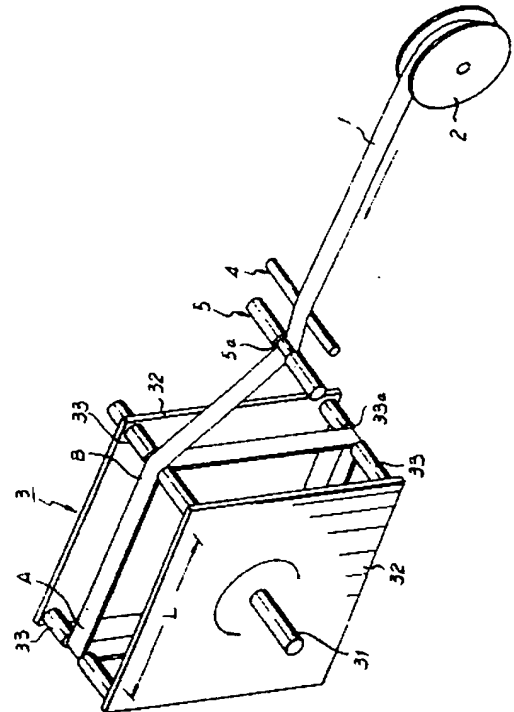
APPLICATION DATE : 17-10-83  
APPLICATION NUMBER : 58193970

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INVENTOR : KINOSHITA IKUO;

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TITLE : MANUFACTURE OF  
PHOTOCONDUCTOR



ABSTRACT : PURPOSE: To obtain a photoconductor of optical fibers which are arrayed in accurate position relation between both terminals and have linearity and no sag by stacking tape type optical fiber on a polygonal drum, and then fixing respective corner parts with an adhesive or ferrules and cutting the fiber.

CONSTITUTION: The tape type optical fiber 1 from a bobbin 2 is sent to the polygonal drum 3 through a guide rod 4 and a guide roller 5. A roller 5 is capable of reducing frictional force applied to the fiber 1. The fiber 1 supplied to the drum 3 is stacked while taken up in the guide groove 33a of each corner guide 33, but the supply of the fiber 1 is stopped at specific thickness. Then, the fiber is fixed by applying an adhesive to each corner part or its circumferences (A and B), fitting a ferrule, or the both in combination. Each side is fixed and cut similarly after the fixation to manufacture four photoconductors at the same time.

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